

Amendment on 27 June 2024

Resolved by Technical Committee on 30 January 2024

Recognised Fabrication Standards

Object of Amendment

Rules for the Survey and Construction of Steel Ships Part B

Guidance for the Survey and Construction of Steel Ships Part B

Reason for Amendment

IACS UR Z23 specifies requirements for the hull surveys for new constructions, and it also stipulates that the recognised fabrication standard to be applied to hull structures during new construction is to be reviewed and agreed upon during kick-off meetings.

The Society has incorporated the above requirement only into its internal instructions. The Society, however, decided to specify the requirement in the Rules because the last revision of the UR (UR Z23(Rev.7)) by IACS requires the preparation of summary documents and the inclusion of such documents in the ship construction file when a recognised fabrication standard other than IACS Recommendation 47 is applied. Accordingly, relevant requirements in the Rules are amended to incorporate this requirement.

Outline of Amendment

Add requirements related to recognised fabrication standards for new constructions.

Effective Date and Application

This amendment applies to ships for which the date of contract for construction is on or after 1 July 2021.

ID: DH23-13

Amended-Original Requirements Comparison Table (Recognised Fabrication Standards)

Amended	Original	Remarks
<p align="center">RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</p> <p align="center">Part B CLASS SURVEYS</p> <p align="center">Chapter 2 CLASSIFICATION SURVEYS</p> <p>2.1 Classification Survey during Construction</p> <p>2.1.1 General</p> <p><u>3 In order to have a common understanding of the applicable requirements and recognised fabrication standards (RFS), and the details of each survey item during construction and their survey methods, etc., the Society is to hold kick-off meetings with applicants of registration surveys during construction prior to the commencement of such surveys. The quality standards to be applied are to be in accordance with the following (1) and (2).</u></p> <p><u>(1) Shipbuilding quality standards for the hull structure during new construction are to be reviewed and agreed during the kick-off meeting. Structural fabrication is to be carried out in accordance with IACS Recommendation 47, “Shipbuilding and Repair Quality Standard” (IACS Rec.47), or a RFS which has been accepted by the Society prior to the commencement of fabrication/construction.</u></p> <p><u>(2) Where a RFS other than IACS Rec.47 is applied, the shipyard is to create a summary document referencing the RFS to be used in construction, highlighting any limitations to usage of the selected RFS, a comparison of the tolerance</u></p>	<p align="center">RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</p> <p align="center">Part B CLASS SURVEYS</p> <p align="center">Chapter 2 CLASSIFICATION SURVEYS</p> <p>2.1 Classification Survey during Construction</p> <p>2.1.1 General</p> <p>(New)</p>	(New)

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<p><u>and fabrication standards of the selected RFS with those of IACS Rec.47, etc. This summary document is to be included with the “record of kick-off meeting” for the ship. For ships subject to SOLAS Chapter II-1 Regulation 3-10, the summary document is also to be included in the Ship Construction File.</u></p> <p>EFFECTIVE DATE AND APPLICATION</p> <ol style="list-style-type: none"> The effective date of the amendments is 1 July 2021. Notwithstanding the amendments to the Rules, the current requirements apply to ships for which the date of contract for construction* is before the effective date. <p>* “contract for construction” is defined in the latest version of IACS Procedural Requirement (PR) No.29.</p> <p align="center">IACS PR No.29 (Rev.0, July 2009)</p> <ol style="list-style-type: none"> The date of “contract for construction” of a vessel is the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. This date and the construction numbers (i.e. hull numbers) of all the vessels included in the contract are to be declared to the classification society by the party applying for the assignment of class to a newbuilding. The date of “contract for construction” of a series of vessels, including specified optional vessels for which the option is ultimately exercised, is the date on which the contract to build the series is signed between the prospective owner and the shipbuilder. For the purpose of this Procedural Requirement, vessels built under a single contract for construction are considered a “series of vessels” if they are built to the same approved plans for classification purposes. However, vessels within a series may have design alterations from the original design provided: <ol style="list-style-type: none"> such alterations do not affect matters related to classification, or If the alterations are subject to classification requirements, these alterations are to comply with the classification requirements in effect on the date on which the alterations are contracted between the prospective owner and the shipbuilder or, in the 		

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<p>absence of the alteration contract, comply with the classification requirements in effect on the date on which the alterations are submitted to the Society for approval.</p> <p>The optional vessels will be considered part of the same series of vessels if the option is exercised not later than 1 year after the contract to build the series was signed.</p> <p>3. If a contract for construction is later amended to include additional vessels or additional options, the date of “contract for construction” for such vessels is the date on which the amendment to the contract, is signed between the prospective owner and the shipbuilder. The amendment to the contract is to be considered as a “new contract” to which 1. and 2. above apply.</p> <p>4. If a contract for construction is amended to change the ship type, the date of “contract for construction” of this modified vessel, or vessels, is the date on which revised contract or new contract is signed between the Owner, or Owners, and the shipbuilder.</p> <p>Note: This Procedural Requirement applies from 1 July 2009.</p>		

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<p>GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</p> <p>Part B CLASS SURVEYS</p> <p>B2 CLASSIFICATION SURVEYS</p> <p>B2.1 Classification Survey during Construction</p> <p>B2.1.6 Documents to be Maintained On Board</p> <p>1 Test plans, test records, and measurement records for the ship specified in 2.1.6-2(13) and -3(13), Part B of the Rules are to include the following items. The allowable deviations referred to in (1) below mean allowable values stipulated in <u>the recognised fabrication</u> standards that are applied to the ship.</p> <ol style="list-style-type: none"> (1) Measurement records of the ship's principal dimensions including allowable deviations (2) Details of markings for the load lines and their measurement records including allowable deviations (3) For hydrostatic tests, watertight tests, and relevant tests, approved test plans including details of the test requirements 	<p>GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</p> <p>Part B CLASS SURVEYS</p> <p>B2 CLASSIFICATION SURVEYS</p> <p>B2.1 Classification Survey during Construction</p> <p>B2.1.6 Documents to be Maintained On Board</p> <p>1 Test plans, test records, and measurement records for the ship specified in 2.1.6-2(13) and -3(13), Part B of the Rules are to include the following items. The allowable deviations referred to in (1) below mean allowable values stipulated in <u>appropriate</u> standards such as <i>JSQS</i> or other equivalent values that are applied to the ship.</p> <ol style="list-style-type: none"> (1) Measurement records of the ship's principal dimensions including allowable deviations (2) Details of markings for the load lines and their measurement records including allowable deviations (3) For hydrostatic tests, watertight tests, and relevant tests, approved test plans including details of the test requirements 	

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<p align="center">EFFECTIVE DATE AND APPLICATION</p> <p>1. The effective date of the amendments is 1 July 2021.</p> <p>2. Notwithstanding the amendments to the Guidance, the current requirements apply to ships for which the date of contract for construction* is before the effective date.</p> <p>* “contract for construction” is defined in the latest version of IACS Procedural Requirement (PR) No.29.</p> <p align="center">IACS PR No.29 (Rev.0, July 2009)</p> <p>1. The date of “contract for construction” of a vessel is the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. This date and the construction numbers (i.e. hull numbers) of all the vessels included in the contract are to be declared to the classification society by the party applying for the assignment of class to a newbuilding.</p> <p>2. The date of “contract for construction” of a series of vessels, including specified optional vessels for which the option is ultimately exercised, is the date on which the contract to build the series is signed between the prospective owner and the shipbuilder. For the purpose of this Procedural Requirement, vessels built under a single contract for construction are considered a “series of vessels” if they are built to the same approved plans for classification purposes. However, vessels within a series may have design alterations from the original design provided:</p> <p>(1) such alterations do not affect matters related to classification, or</p> <p>(2) If the alterations are subject to classification requirements, these alterations are to comply with the classification requirements in effect on the date on which the alterations are contracted between the prospective owner and the shipbuilder or, in the absence of the alteration contract, comply with the classification requirements in effect on the date on which the alterations are submitted to the Society for approval.</p> <p>The optional vessels will be considered part of the same series of vessels if the option is exercised not later than 1 year after the contract to build the series was signed.</p> <p>3. If a contract for construction is later amended to include additional vessels or additional options, the date of “contract for construction” for such vessels is the date on which the amendment to the contract, is signed between the prospective owner and the shipbuilder. The amendment to the contract is to be considered as a “new contract” to which 1. and 2. above apply.</p> <p>4. If a contract for construction is amended to change the ship type, the date of “contract for construction” of this modified vessel, or vessels, is the date on which revised contract or new contract is signed between the Owner, or Owners, and the shipbuilder.</p> <p>Note: This Procedural Requirement applies from 1 July 2009.</p>		